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## (54) COLOR TONER AND COLOR ELECTROPHOTOGRAPHIC METHOD

## (57)Abstract:

PROBLEM TO BE SOLVED: To control the electrostatic chargeability of each of yellow, magenta, cyan and black toners due to the surface state and the surface state difference among the color toners due to a way of cracking in comminution and to stably output a high grade color image by specifying the difference between the maximum and minimum coefficients of dynamic friction of each of the color toners.

SOLUTION: When the coefficients of dynamic friction of yellow, magenta, cyan and black toners each consisting essentially of a bonding resin, a colorant and an additive are represented by YF, MF, CF and BF, respectively, the relation of the expression  $\max(YF, MF, CF, BF) - \min(YF, MF, CF, BF) \leq 0.2$  [where  $\max()$  shows the maximum value in () and  $\min()$  shows the minimum value in ()] is satisfied. The expression shows the difference in the coefficient of dynamic friction among the color toners. When the difference increases, the toners are made different from one another in dynamic separability from a photoreceptor or an interim transfer body, have different transfer behaviors in a transfer part and cannot attain accurate color reproduction.

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